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15866 U.S. PTO

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

17354 U.S. PTO
10/799852

031204

Transmitted herewith for filing under 37 CFR 1.53(b) are the specification and claims of the nonprovisional patent application of:

Isamu MIYANISHI and Kazuyuki NAKAHARA

Inventor(s)

METHOD AND APPARATUS FOR COMMUNICATIONS INTERFACING CAPABLE OF EFFECTIVELY REDUCING DISK DRIVE POWER CONSUMPTION

Title of Invention

APPLICATION ELEMENTS ENCLOSED:

1. X Specification, total pages 51 including:
 - a. 11 pages of claims (1-19 claims)
 - b. 1 page(s) Abstract
2. X 10 sheets of informal X formal drawings (Figs. 1-11)
3. X Oath or declaration of Applicant(s) (total pages)
 - a. X Newly executed (original)
 - b. Unexecuted
 - c. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Item 14 completed)
4. Deletion of Inventor(s)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
5. Incorporation By Reference
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied in item 3b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Microfiche Computer Program (Appendix)

APPLICATION PARTS ENCLOSED:

7. X An assignment (cover sheet & document(s)) 3 pages
8. 37 CFR 3.73(b) Statement (*when there is an assignee*)
9. X Power of Attorney
 - a. X Newly executed (original) 3 pages
 - b. Unexecuted
 - c. Copy from a prior application

- | | |
|--------------------------|--|
| <input type="checkbox"/> | Continuation of prior application No.: _____ filed _____ |
| <input type="checkbox"/> | Divisional of prior application No.: _____ filed _____ |
| <input type="checkbox"/> | Continuation-in-part (CIP) of prior application No.: _____ filed _____ |

- The filing fee is calculated as follows:

					Rate			Fee	
	Number Filed		Number Extra*		Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	19 - 20	=	0	X	\$9	\$18	=	\$0	\$0
Indep. Claims	3 - 3	=	0	X	\$43	\$86	=	\$0	\$0
Multiple Dependent Claims Presented: Yes___ No__X					\$145	\$290	=	\$0	\$0
If the difference in column 1 is less than zero, enter "0" in column 2					Basic Fee			\$385.00	\$770.00
					Total Fee			\$	\$770.00

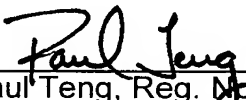
18. X A check in the amount of \$770.00 to cover the filing fee.
19. A check in the amount of \$ for recordation of the Assignment.
20. X The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the following or credit any overpayment to Deposit Account No. 03-3125.
- X Filing fees under 37 C.F.R. §1.16.
- X Patent application processing fees under 37 C.F.R. §1.17.
- The issue fee set in 37 C.F.R. §1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. §1.311(b).
21. X Three copies of this sheet are enclosed.
22. Other (identify) _____

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Respectfully submitted,

March 12, 2004
Date



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Isamu MIYANISHI and Kazuyuki NAKAHARA
Serial No. : Not Yet Known
Date Filed : Herewith
For : METHOD AND APPARATUS FOR COMMUNICATIONS
INTERFACING CAPABLE OF EFFECTIVELY REDUCING DISK
DRIVE POWER CONSUMPTION

Mail Stop Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

EXPRESS MAIL LETTER OF TRANSMITTAL

Express Mail mailing label number: EV305642340US

Date of Deposit: March 12, 2004

I hereby certify that the above-identified application of Isamu MIYANISHI and Kazuyuki NAKAHARA, filed herewith, including Specification (51 pages), Claims (1-19, 11 pages), Abstract (1 page), 10 sheets of formal drawings (Figs. 1-11), signed Declaration And Power Of Attorney (3 pages), signed Assignment, including Recordation Form Cover Sheet (3 pages), Information Disclosure Statement (including Form PTO-1449 and copy of reference), certified copy of Japanese Patent Application No. 2003-072141, application transmittal in triplicate, a check in the amount of \$770.00 for filing fee and a returned stamped postcard, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.


Jamel Rhaab

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